

AMENDMENT AND PRESENTATION OF CLAIMS

Please replace all prior claims in the present application with the following claims.

1. (Currently amended) A method for change data capture, comprising the steps of:
executing a database statement to copying, ~~from~~ a recovery log that contains change data for all transactions performed from a source object in a first system to a ~~source~~ object in a second system, ~~change data for at least one transaction that has been performed to a the source object;~~
and storing the recovery log that contains the change data; obtaining at least some of the change data from the recovery log based in part on a column in the recovery log that holds data representing when a transaction has been committed and inserting the at least some change data into a plurality of change tables in the second system in a single transaction, where each change table includes a column corresponding to the column in the recovery log for the at least one transaction that has been performed to a source object log in a database object having at least one control column other than the source object, wherein the database object includes a change table.
2. (Canceled)
3. (Previously presented) A method according to claim 1, further comprising the step of:
renaming a column heading for a source column of the source object and providing the renamed column heading for the source column as a column heading in a change column of the database object.
4. (Previously presented) A method according to claim 1, further comprising: generating the database statement

to store the change data in the database object.

5. (Previously presented) A method according to claim 1, further comprising the step of: shipping change data from the recovery log of an on-line transaction processing (OLTP) system to a staging system.

6. (Currently Amended) A computer-readable medium bearing instructions for change data capture, said instructions arranged, when executed, to cause one or more processors to perform the steps of

executing a database statement to copying ~~from~~ a recovery log that contains change data for all transactions performed from a source object in a first system to a ~~source~~ object in a second system, ~~change data for at least one transaction that has been performed to a the source object; and~~ storing the recovery log that contains the change data; obtaining at least some of the change data from the recovery log based in part on a column in the recovery log that holds data representing when a transaction has been committed and inserting the at least some change data into a plurality of change tables in the second system in a single transaction, where each change table includes a column corresponding to the column in the recovery log for the at least one transaction that has been performed to a source object log in a database object having at least one control column other than the source object, wherein the database object includes a change table.

7. (Currently Amended) A method of change data capture, comprising the steps of: shipping change data for at least one transaction that has been performed on an on-line transaction processing (OLTP) system from a recovery log that contains change data for all transactions performed to the on-line transaction processing (OLTP) system to a staging system; and

at the staging system, performing the steps of:

copying ~~change data from~~ the recovery log from the on-line transaction processing (OLTP) system; ~~and~~

storing ~~the change data from~~ the recovery log in a database object having at least one control column;

obtaining change data from the recovery log stored in the first object based in-part on a column in the recovery log that holds data representing when a transaction has been committed; and

inserting the change data into a plurality of change tables in a second database, where the change data is inserted into each of the plurality of change tables in a single transaction, each change table in the plurality of change tables having a column corresponding to the column in the recovery log, said change data representing modifications that has been performed to a plurality of source tables of the on-line transaction processing (OLTP) system and that correspond to the change tables in the second database.

8. (Currently Amended) A method of change data capture, comprising the steps of:

shipping change data for at least one transaction that has been performed on an on-line transaction processing (OLTP) system from a recovery log that contains change data for all transactions performed to the on-line transaction processing (OLTP) system to a staging system; and

at the staging system, performing the steps of:

registering the recovery log with a log viewer;

generating a SQL statement to extract the change data from the recovery log; and

executing the SQL statement, thereby copying the recovery log from the on-line transaction processing (OLTP) system;

storing the recovery log in a database object having at least one control column;

obtaining change data from the recovery log stored in the first object based in-part on a column in the recovery log that holds data representing when a transaction has been committed; and

inserting the change data into a plurality of change tables in a second database, where the change data is inserted into each of the plurality of change tables in a single transaction, each change table in the plurality of change tables having a column corresponding to the

column in the recovery log, said change data representing modifications that has been performed to a plurality of source tables of the on-line transaction processing (OLTP) system and that correspond to the change tables in the second database
~~extracting the change data from the recovery log via the log viewer and storing the change data from the recovery log in a change table,~~
~~said change data indicating at least one modification that has been performed to a source object.~~

9. (Previously presented) A method according to claim 8, further comprising the step of: at the staging system, renaming a column heading for a source column of the source object and providing the renamed column heading for the source column as a column heading in a change column of the database object.

10. (Original) A method according to claim 8, wherein the on-line transaction processing (OLTP) system and the staging system are provided by different database vendors employing a different, incompatible internal implementation.